sher	ISBN -	SBN - 0030735483		Publisher - Holt, Rinehart and Winston, a division of Harcourt, Inc.			-		
Publisher	Holt P	Holt Physics Student Edition							
the t	Type -	Type - P1 Author - Raymond A. Serway, Jerry S. Faughn				n	3		
Provided by the	Copyr	Copyright - 2006 Edition - 2006 Readal		ability -	pility - 11.2 with technical words				
rovid	Cours	e - Physical Sc	ience		Grade	e(s) -	s) - 9, 10, 11, 12		
<u> </u>	Teacher Edition ISBN if applicable 0030735491								
	Overall Recommendation: Recommended as Basal								
	This text appears to be good for an introductory level Physics course. There are numerous opportunities for practice problems which are supported by numerous samples. The inquiry included in the text is rather limited in that it is highly structures in the form of materials used and outcomes to be expected. There are labs included designed to incorpate technology in to the collection and analysis of data.					S			
	CRITERIA This basal resource								
F	A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence Moderate Evidence Little or No Evidence								
	☐ Text is designed to be used in an elective course outside the Program of Studies								
1) Includes the 7 Big Ideas of science to the following extent:									
	a) Structure and Transformation of Matter ☐ Strong ☐ Moderate ☐ Little ☐ N			ng 🛚 Moderate 🗌 Little 🔲 N/A	١				
	b)	Motion and Fo	orces			⊠ Stro	ng Moderate Little N/A	١	
	c)	The Earth and	the Universe			☐ Stro	ng 🗌 Moderate 🔲 Little 🔀 N/A		
	d)	Unity and Dive	ersity			Stro	ng 🔲 Moderate 🔲 Little 🔀 N/A		
	e)	Biological Cha	ınge			☐ Stro	ng 🗌 Moderate 🔲 Little 🔀 N/A		
	f)	Energy Transf	ormation			☐ Stro	ng 🛚 Moderate 🔲 Little 🔲 N/A	١	
	g)	Interdepender	nce			☐ Stro	ng 🗌 Moderate 🗌 Little 🔀 N/A		
Addresses content-specific enduring understandings from the related Program of Studies standards		⊠ Stro	Strong						

Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong ☐ Moderate ☐ Little ☐ N/A		
4) Content addressed is current, relevant and non- trivial	Strong Moderate Little N/A		
5) Provides opportunities for critical thinking/reasoning	Strong Moderate Little N/A		
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered ex Specific weaknesses-which areas/concepts would likely 			
The text is very strong in covering topics in motion a topics in Structure and Transformation of Matter and directly related to the physics curriculum.			
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence		
1) Suitability	Strong ☐ Moderate ☐ Little ☐ N/A		
 Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 			
2) Content quality	Strong ☐ Moderate ☐ Little ☐ N/A		
 Free from factual errors Content is presented conceptually when possible—more Content included accurately represents the knowledge I Theories/scientific models contained represent a broad 	pase of the discipline		
3) Connections to Literacy Note: may apply to either student or teacher editions	☐ Strong ☑ Moderate ☐ Little		
 Employs a variety of reading levels and is grade/level at Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and at multiple levels of difficulty for a variety of learning styl Student text provides opportunity to integrate reading at Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text Engaging text- does the text facilitate learning? Does understanding the text require having performed to 	reinforcing vocabulary skills and concepts les. and writing and glossary		
4) Connections to Technology	Strong Moderate Little		

• Integrates technology and reflects the impact of technological advances

Uses technology in the collection and/or manipulation of authent	ic data		
5) Support for Diverse Learners	☐ Strong ☑ Moderate ☐ Little		
 Provides support for ESL students Provides support for differentiation of instruction in diverse class Note: may apply only to teacher edition 	rooms		
 6) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific stron evaluation standards. 	g examples for individual		
The teacher edition includes diffentiated instruction suggestion advanced levels of instruction - including demostrations, posimisconceptions, and teaching tips. The reading level seems throughout and support for ESL learners is lacking.	sible student		
C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence		
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☐ Moderate ☒ Little		
 Provides opportunities for inquiry and research that includes actitopics, formulating authentic questions, gathering information, reinterviewing, and evaluating information, analyzing and synthesis findings and conclusions. Requires students to use higher-level cognitive skills (analysis, so Provides activities and projects for students to deepen their known strengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, a motivate students to engage in discussion, problem solving, and Emphasizes conceptual understandings that invite students to produce and extend ideas to support reasoning. Note: may apply to either teacher or student edition 	searching resources, observing, zing data and communicating synthesis, evaluation, etc.) wledge and cultivate and and other illustrations to invite and other high-order thinking skills.		
2) Skill Development	☐ Strong ☑ Moderate ☐ Little		
 Provides opportunities to make sense of data Provides opportunities for critical thinking and reasoning (analyze arguments, distinguish fact/opinion, recognize bias) Provides opportunities to examine a range of types of evidence Contains embedded activities (or extensions) that emphasize use of technology for problem solving Note: may apply to either teacher or student edition 			
3) Strengths, Weaknesses, Comments:			
Inquiry included in the text is highly guided and focused on s	specific objectives.		

Materials lists are provided with students only coming up with procedures. Additional inquiry can be achieved by students doing extension activities included in the text. There is extensive use of charts, data tables, and graphs throughout the text. More directed labs allow for students to make sens eo fdat and use critical thinking skills in the analysis of data. There are labs which are designed for the use of technology (probeware) in various labs in the textbook.

D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence		
1) Engages Students			
 Includes content geared to the needs, interests, and abilities of students Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering. Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i> 			
2) Uses Assessment to Inform Instruction	Strong		
 Includes multiple means of assessment as an integral part of inst Provides evaluation measures in the teacher edition that supports Embedded assessments reflect a variety of Depth of Knowledge Note: may apply to either teacher or student edition 	s differentiated learning activities		
 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards 			
The end of chapter problems and exercises include various types of questions from review to conceptual and pracice problems. There is also Alternative assessments listed athe end of each chapter along with a Standardized Test Prep section.			
E. Has an Organization/ Format that Supports Learning and Teaching	Strong Evidence Moderate Evidence Little or No Evidence		
1) Organizational Quality			

- Print and/or electronic materials present minimal barriers to learners
- Presents chapters/lessons in an organized and logical sequence

- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size

 Included media are durable, easy to use and have technical merit Construction appears to be durable and able to withstand norm 	nal use
2) Essential Components (beyond student and teacher text)	Strong Moderate Little
 Items identified as essential components support the learning g basal 	goals and concept coverage of the
 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific stroevaluation standards. 	ong examples for individual
Text is well organized with each chpater having listed object teacher. Numerous references are made to the NSTA SciLin explnation and understanding. There are numerous illustrates	nks website for additional

Has a	vailahle	Ancillary	/ Gratic	Materials
i ias a	vanabic	Allelliai v	/ Ulaus	materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

⊠ Strong Evidence
☐ Little or No Evidence

1) Ancillary/Gratis Materials

teaching and learning.

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

• Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Ancillary/Gratis materials include additional labs and student problems that are aligned with the text and congruent with the activities in the text. They appear to be well organized and easy to use.